Substitute for form PTO/SB/08A	Con	nplete if Known	
INFORMATION OCCUPE	Application Number	10/532,631	
STATEMPHIT BY APPLICANT	Filing Date	04-25-2005	
1 1 1 1 1 1 1 1	First Named Inventor	Paul R. Anderson	
111 3 1 2006 A	Art Unit	2616	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Examiner Name	CHIN, Wellington	
Date: 19, 2006			
NFORMATIONEDISCLOSURE STATEMENT BY ARPLICANT	Attorney Docket Number	PD-202074	

			U.S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Signature	/Stephen D Agosta/	Date Considered	10/30/2007
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form PTO/SB/08A	Con	nplete if Known	
INFORMATION DISCLOSURE	Application Number	10/532,631	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date	04-25-2005	
OTA CIMENT DESTITION	First Named Inventor	Paul R. Anderson	
JUL 3 1 2006 %	Art Unit	2616	
2000	Examiner Name	CHIN, Wellington	
Date: July 19, 2006			
Sheet 2	Attorney Docket Number	PD-202074	

			U.S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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·		US-4,847,864	07-1989	Cupo, Robert L.	
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		US-4,594,725	06-1986	Desperben et al.	
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		US-4,416,015	11-1983	Gitlin, Richard D.	
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V		US-5,966,048	10-1999	Thompson	

Examiner Signature	08/29/2007	Date Considered	10/30/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form PTO/SB/08A	Con	nplete if Known
INFORMATION DISCLOSURE	Application Number	10/532,631
STATEMENT BY APPLICANT	Filing Date	04-25-2005
STATEMENT BANAFFEIGART	First Named Inventor	Paul R. Anderson
JUL 3 1 2006 A.	Art Unit	2616
\ 3 302 6	Examiner Name	CHIN, Wellington
Date July 19, 2006		
Sheet 3 014	Attorney Docket Number	PD-202074

			U.S. PATENT DO	CUMENTS	
Examiner	Cite	Document Number	Publication	Name of Patentee or	Pages, Columns, Lines,
Initials*	No.	Number-Kind Code	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appea
	L	T Number-Kind Code	I WIW-OD- (1)	<u> </u>	Toi nelevant rigules Appea
/SD/]	US-5,606,286	02-1997	Bains	
.]		US-5,221,908	06-1993	Katz et al.	
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Examiner Signature	/Stephen D Agosta/	Date Considered	10/30/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form PTO/SB/08A	Com	plete if Known
INFORMATION DISCLOSURE	Application Number	10/532,631
NFORMATION DISCLOSURE STATEMENT BY APPLICANT JUL 3 1 2006	Filing Date	04-25-2005
STAP DIENT DE APPLICANT	First Named Inventor	Paul R. Anderson
(3,000)	Art Unit	2616
JUL 3 1 2006 55	Examiner Name	CHIN, Wellington
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Sheet 4 mide.	Attorney Docket Number	PD-202074

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Examiner Initials*	Cite No.	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages
L		Number-Kind Code	MM-DD-YYYY		or Relevant Figures Appear

		FOR	EIGN PATENT I	DOCUMENTS		
Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
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1		EP 0222076	08-1986	Ketterling et al.		
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		DE 3642213	12-1986	Lopau et al.		
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Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumne-issue number(s), publisher, city and/or country where published.	Т	
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Examiner Signature /Stephen D Agosta/	Date Considered	10/30/2007
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO/SB/08B (08-03)

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Substitute for form 1449/PTO	Complete if Known		
INFORMATION DIGGLOCUTE	Application Number	10/532,631	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	371 (c) Filing Date	April 25, 2005	
	First Named Inventor	Paul Anderson	
	Art Unit	2616	
	Examiner Name	CHIN, Wellington	
Sheet 1 of 1	Attorney Docket Number	PD-202074	

	NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Çite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumne-issue number(s), publisher, city and/or country where published.	T			
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/SD/	2	MEYR, HEINRICH et al.; "Digital Communication Receivers: Synchronization, Channel Estimation, and Signal Processing"; John Wiley & Sons, Inc.; 1998, pages 610-612; XP 002364876				

Examiner Signature	/Stephen D Agosta/	Date Considered	10/30/2007
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Substitute for forms PTO/SB/08R and	Complete if Known		
PTO/SB/08B / %\	Application Number	10/532,631	
JAN 2 0 2006	I.A. Filing Date	October 20, 2003	
INFORMATION DISCLOSURE 對	371 (c) Date	April 25, 2005	
STATEMENT BY APPLICANT	First Named Inventor	Paul R. Anderson	
TRADENIES	Art Unit	2664	
	Examiner Name	To be determined	
Sheet 1 of 3	Attorney Docket Number	PD-202074	

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Examiner	Cite	Document Number	Publication	Name of Patentee or	Pages, Columns,	
Initials*	No.	·	Date	Applicant of Cited Document	Lines, Where	
		Number-Kind Code	MM-DD-		Relevant Passages or	
			YYYY		Relevant Figures	
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Examiner Signature	/Stephen D Agosta/	Date Considered	10/30/2007
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for forms PTO/SB/08A and	Complete if Known		
PTO/SB/08B	Application Number	10/532,631	
	I.A. Filing Date	October 20, 2003	
INFORMATION DISCLOSURE	371 (c) Date	April 25, 2005	
STATEMENT BY APPLICANT	First Named Inventor	Paul R. Anderson	
	Art Unit	2664	
	Examiner Name	To be determined	
Sheet 2 of 3	Attorney Docket Number	PD-202074	

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		Country Code-Number- Kind Code	YYYY		Passages or Relevant Figures Appear	
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Signature /Stephen D Agosta/	Date Considered 10/30/2007	
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Substitute for forms PTO/SB/08A and	Complete if Known		
PTO/SB/08B	Application Number	10/532;631	
	I.A. Filing Date	October 20, 2003	
INFORMATION DISCLOSURE	371 (c) Date	April 25, 2005	
STATEMENT BY APPLICANT	First Named Inventor	Paul R. Anderson	
	Art Unit	2664	
<u> </u>	Examiner Name	To be determined	
Sheet 3 of 3	Attorney Docket Number	PD-202074	

		NON PATENT LITERATURE DOCUMENTS	
Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when	T
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		date, page(s), volumne-issue number(s), publisher, city and/or country where published.	
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		JANSSEN, G.J.M; SLIMANE, S.B.: "Performance of a Multiuser Detector for M-PSK	
l		Signals Based on Successive Cancellation", ICC 2001, 2001 IEEE International	
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		for a Narrowband Multiuser Detector", 2001 IEEE Pacific Rim Conference on	
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	ŀ	Communications, 1998, ICUPC 1998, IEEE 1998, International Conference on Florence,	
		Italy, 5-9 October 1998, New York, NY, US, IEEE, US 5 October 1998 (1998 10-5),	
	<u> </u>	pages 543-546, XP010314962 ISBN: 0-7803-5106-1	<u> </u>
		SALEH, A.A.M. et al.: "Adaptive Linearization of Power Amplifiers in Digital Radio	
		Systems", Bell System Technical Journal, American Telephone and Telegraph Co., New	
		York, US, Vol. 62, No. 4, Part 1, 1 April 1983 (1983-04-01), pages 1019-1033,	
		XP002028354	
		RAMCHANDRAN, KANNAN et al.: "Multiresolution Broadcast for Digital HDTV Using	
V	<u> </u>	Joint Source/Channel Coding, IEEE, Vol. 11, No. 1, January 1993, pp. 6-22	l

Examiner Signature	/Stephen D Agosta/	Date Considered	10/30/2007
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for forms PTO/SB/08A and	Complete if Known		
PTO/SB/08B	Application Number	10/532,631	
·	I.A. Filing Date	October 20, 2003	
INFORMATION DISCLOSURE	371 (c) Date	April 25, 2005	
STATEMENT BY APPLICANT	First Named Inventor	Paul R. Anderson	
	Art Unit	2664	
	Examiner Name	To be determined	
Sheet 1 of 1	Attorney Docket Number	PD-202074	

			U.S. PATENT	OCUMENTS	
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/SD/	1	US-6,731,700	05-2004	Yakhnich et al.	
	2	US-6,411,797	06-2002	Estinto, Eugene	
	3	US-2002/0071506	06-2002	Lindquist et al.	
V	4	US-5,603,084	02-1997	Henry et al.	
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Examiner Signature /Stephen D Agosta/ Cons	idered 10/30/2007
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form PTO/SB/08A	Complete if Known		
INFORMATION DISCLOSURE	Application Number	10/532,631	
STATEMENT BY APPLICANT	Filing Date	April 25, 2005	
OWNERN BY AN LIOAN	First Named Inventor	Paul Anderson	
	Art Unit	2617	
	Examiner Name	D'AGOSTA, Stephen M.	
Date: August 22, 2007			
Sheet 1 of 1	Attorney Docket Number	PD-202074	

	U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines,
	,,,,,	Number-Kind Code	WIW-DD-1111	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear
/SD/		US-6,678,336	01-2004	Katoh et al.	
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/SD/		US-7,230,992	06-2007	Walker et al.	

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Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
/SD/		JP 2002118611 (English abstract)	04-2002	Sharp KK		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T	
/SD/		PALICOT, J., VEILLARD, J.; "Possible Coding and Modulation Approaches to Improve Service Availability for Digital HDTV Satellite Broadcasting at 22 GHz"; IEEE Transactions on Consumer Electronics; Vol. 39, Issue 3; August 1993; pages 660-667		

ALLOWED CO-PENDING RELATED APPLICATIONS				
Examiner Initials*	Application Number	Filing Date	Inventor(s)	Notice of Allowance Date
/SD/	10/693,135	10-24-2003	Chen	June 20, 2007
/SD/_	10/532,632	04-25-2003	Chen et al.	July 29, 2007

Examiner		Date	
Signature	/Stephen D Agosta/	Considered	10/31/2007
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form PTO/SB/08A	Con	Complete if Known		
INFORMATION DISCLOSURE	Application Number	10/532,631		
STATEMENT BY APPLICANT	Filing Date	April 25, 2005		
OTATEMENT BY ATTERDANT	First Named Inventor	Paul Anderson		
	Art Unit	2617		
	Examiner Name	D'AGOSTA, Stephen M.		
Date: July 30, 2007	,			
Sheet 1 of 1	Attorney Docket Number	PD-202074		

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Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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Examiner	(Ctanhan D. Agasta)	Date	10/20/2007
Signature	/Stephen D Agosta/	Considered	10/30/2007

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Substitute for form PTO/SB/08A\	(100) Co	omplete if Known
	Application Number	10/532,631
INFORMATION DISCLOSURE	Iling Date	04-25-2005
STATEMENT BY APPLICANT	First Named Inventor	Paul Anderson
	Art Unit	2617
	Examiner Name	D'AGOSTA, Stephen M.
Date: October 22, 2007		
Sheet 1 of 1	Attorney Docket Number	PD-202074

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Examiner	Cite	Document Number	Publication Date	Name of Patentee or		
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Examiner Initials*	Cite No.	Application Number	Filing Date	Applicant(s)	Date of Notice of Allowance		
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Examiner Signature /Stephen D Agosta/ Date Considered 10/31/2007
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Substitute for form 1449/PTO	Complete if Known		
INFORMATION DISCLOSURE	Application Number	10/532,631	
*	Filing Date	April 25, 2005	
STATEMENT BY APPLICANT (Use as many sheets as necessary)	First Named Inventor	Paul Anderson	
(Use as many shoots as mootssury)	Art Unit	2617	
	Examiner Name	TROST IV, William George	
Date: February 22, 2007			
Sheet 1 of 1	Attorney Docket Number	PD-202074	

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Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columna, Lines, Where Relevant Passages or Relevant Figures Appear	
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Examiner Signature	/Ctophon D. Agosto/	Date Considered	10/30/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form PTO/SB/08A	Complete if Known		
INFORMATION DISCLOSURE	Application Number	10/532,631	
STATEMENT BY APPLICANT	Filing Date First Named Inventor Art Unit	April 25, 2005	
STATEMENT BY AFFEIGANT		Ernest C. Chen	
		2617	
	Examiner Name	TROST IV, William George	
Date: December 4, 2006			
Sheet 1 of 1	Attorney Docket Number	PD-202074	

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Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T		
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Examiner Signature	1	Date Considered	10/30/2007
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Substitute for for	orm PTO/88/08A	Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/432,631	
		Filing Date First Named Inventor	04-25-2005 Paul Anderson	
		Examiner Name	CHIN, Wellington	
Date:	September 12, 2006			
Sheet 1 of	1	Attorney Docket Number	PD-202074	

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Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumne-issue number(s), publisher, city and/or country where published.	T			
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Examiner Signature	/Stephen D Agosta/	Date Considered	10/30/2007
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